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Hsin-kuan-ch'a (New Observer) No 15, 1953

CONSTRUCTION PROGRESS ON LAN-CHOU -- SINKLANG RAILWAY

Comment: This report summarizes an article by Kuo Fen-hsiang describing a visit, made between 5 June and the end of July 1953, to the work site on this railway.

The Lan-chou -- Sinkiang railway bridge across the Yellow River is 37 kilometers west of Lan-chou. The temporary wooden structure was still in use. Temporary wooden bridges have also been built at many other places. The concrete abutments for these are finished; and the temporary bridges are gradually being replaced by permanent steel bridges.

Ch'ing-ssu-pao and Ta-t'ung-pao are the names of two places passed on the way to Yung-teng, 103 kilometers from Lan-chou. There are not far from Yung-teng's abundant underground supplies of limestone, gypsum and coal. Plans call for the establishment of a large cement plant near Yung-teng.

Beginning 5 June 1953, motor trucks bringing gasoline and other petroleum products from the Yumen oil field transfer their cargoes to the newly constructed rail line at Lung-ch'uan, 86 kilometers from Lan-chou, for transportation onward by rail. The savings in cost of transport of oil over this 86-kilometer stretch by rail instead of by truck amounts to 1,400 million yuan per month.

North of Yung-teng the highway and railway parallel the ancient Great Wall. The roadbed has been graded for a distance of 30 kilometers beyond Yung-teng. Rails are now being laid on the section north of Lung-ch'uan.. After a 45-minute run by truck from Yung-teng, the Chuang-lang Ho was reached where the second largest railway bridge west of Lan-chou is being constructed. Holes 4 meters in diameter and 3 meters deep were being excavated in the river bed for concrete footings for the bridge piers. Generators, motors, pumps,

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concrete mixers, and large hoists were busily operating. The pumps were being run day and night to dispose of the seepage water that entered the holes at the rate of over 100,000 gallons per hole each 24-hours. Electric lights illuminated the site for night work.

Beyond the Chuang-lang Ho, hundreds of gangs of laborers were making a fill, and tamping each layer of dirt before the next layer was spread. Shortly afterward, Hua-tsaig-ssu, within the borders of the T'ien-chu Tibetan People's Autonomous Region, was reached. Here we saw a number of new-type Soviet and Czechoslovakian made trucks moving heavy equipment along the road. The next place reached was Ta-ch'ai-kou, elevation of 2,600 meters, which is 30 kilometers from the summit of the Wu-ch'iao-ling. From Ta-ch'ai-kou to the top, the road rises 400 meters, and when the railway is in operation, it will be necessary to add another locometive to take the trains over the summit.

Ch'a-hsi-t'an was reached next, then Ch'en-chia-kou, which _j the last station before the entrance to the big tunnel. The latter village is at the 184 kilometer mark, and is the track laying target for 1953. Over the last stretch of 17 kilometers, ten large caterpillar tractors, bulldozers, scrapers, and graders were at work, also shovels with buckets lifting 7½ tons of material at a time. One of these machines can do as much in 4 minutes as it would take four men all day. One of the bulldozers was being operated by a woman, and other women were being trained for similar work.

An-yuan-i was reached over an exceedingly rough road, and then Ku-lang. West of Ku-lang the terrain is relatively flat with few obstacles so that railway construction beyond that point should proceed rapidly.

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